

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		@pd<"20040414" and ((input with (weight or mass) with location)	US-PGPUB; USPAT	OR	ON	2008/03/04 14:22
L1	28	@pd<"20040414" and "neural network" and (aero\$ with analysis)	US-PGPUB; USPAT	OR	ON	2008/11/17 08:32
L2	35	@pd<"20040414" and "neural network" and (aircraft with analysis)	US-PGPUB; USPAT	OR	ON	2008/11/17 08:33
L3	5	@pd<"20040414" and "neural network" and (aircraft with analysis) and repair	US-PGPUB; USPAT	OR	ON	2008/11/17 08:33
L4	10	@pd<"20040414" and "neural network" and (aircraft with analysis) and maintenance	US-PGPUB; USPAT	OR	ON	2008/11/17 08:33
L5	32	@pd<"20040414" and "neural network" and (aircraft with (maintenance or repair))	US-PGPUB; USPAT	OR	ON	2008/11/17 08:34
L6	1286	@pd<"20040414" and input and (aircraft with (maintenance or repair))	US-PGPUB; USPAT	OR	ON	2008/11/17 08:35
L7	214	@pd<"20040414" and (input same analysis) and (aircraft with (maintenance or repair))	US-PGPUB; USPAT	OR	ON	2008/11/17 08:35
L8	12	l6 and "706".cls.	US-PGPUB; USPAT	OR	ON	2008/11/17 08:43
L9	23	706/12.ccls. and aircraft	US-PGPUB; USPAT	OR	ON	2008/11/17 08:44
L10	39	706/15.ccls. and aircraft	US-PGPUB; USPAT	OR	ON	2008/11/17 08:44
L11	28	706/16.ccls. and aircraft	US-PGPUB; USPAT	OR	ON	2008/11/17 08:44
L12	25	706/11.ccls. and aircraft	US-PGPUB; USPAT	OR	ON	2008/11/17 08:44
L13	101	l9 or l10 or l11 or l12	US-PGPUB; USPAT	OR	ON	2008/11/17 08:44
S2	1	"20050234839" and "bias module"	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:27

S3	1	"20050234839" and "bias vector module"	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:42
S4	1	"20050234839" and "scalar value"	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:42
S5	1	"20050234839" and "scalar bias value"	US-PGPUB; USPAT	OR	OFF	2007/08/30 15:27
S6	1	"20050234839" and "aeroelastic analysis"	US-PGPUB; USPAT	OR	OFF	2006/12/14 17:06
S7	1	"20050234839" and "stability"	US-PGPUB; USPAT	OR	OFF	2006/12/14 17:06
S8	1	"20050234839" and "mass input"	US-PGPUB; USPAT	OR	OFF	2006/12/16 11:41
S9	1	"20050234839" and (mass with input)	US-PGPUB; USPAT	OR	OFF	2006/12/16 11:42
S10	105	"neural network" and (analysis with repair)	US-PGPUB; USPAT	OR	ON	2007/04/06 16:11
S11	4	"neural network" and (analysis with repair) and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/06 16:11
S12	597	meda	US-PGPUB; USPAT	OR	OFF	2007/04/09 08:15
S13	6	meda and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:25
S14	2	@pd<"20040414" and meda and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 08:15
S15	1	maintenance and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:25
S16	3789	maintenance and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:25
S17	88	(aircraft with maintenance) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:25
S18	27	@pd<"20040414" and (aircraft with maintenance) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:29
S19	0	@pd<"20040414" and ( "maintenance evaluation") and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:29

S20	3	@pd< "20040414" and ( "maintenance analysis") and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/09 09:29
S21	0	@pd< "20040414" and ((adjustment or improvement or mend or "new part" or overhaul or reconstruction or replacement or restoration or substitution or repair or maintenance ) with aeroelastic) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/04/10 13:46
S22	5	@pd< "20040414" and aeroelastic and repair and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:45
S23	5	@pd< "20040414" and fix and aircraft and maintenance and flutter and speed	US-PGPUB; USPAT	OR	ON	2007/04/10 13:37
S24	1021	@pd< "20040414" and frequency and weight and speed and velocity and "transfer function"	US-PGPUB; USPAT	OR	ON	2007/04/10 13:38
S25	0	@pd< "20040414" and frequency and weight and speed and velocity and "transfer function" and "scalar bias"	US-PGPUB; USPAT	OR	ON	2007/08/29 15:05
S26	0	@pd< "20040414" and "scalar bias" and (bias with module) and "damping value"	US-PGPUB; USPAT	OR	ON	2007/08/30 08:54
S27	1	@pd< "20040414" and "scalar bias" and (bias with module)	US-PGPUB; USPAT	OR	ON	2007/04/10 13:40
S28	0	@pd< "20040414" and "damping value" and (store with loading)	US-PGPUB; USPAT	OR	ON	2007/04/10 13:41
S29	47	@pd< "20040414" and (maximum with weight) and keyboard and mouse and trackball	US-PGPUB; USPAT	OR	ON	2007/04/10 13:42
S30	0	@pd< "20040414" and button and switch and slide and knob and dial and (sigmoid with function)	US-PGPUB; USPAT	OR	ON	2007/04/10 13:43
S31	795	@pd< "20040414" and button and switch and slide and knob and dial	US-PGPUB; USPAT	OR	ON	2007/04/10 13:43
S32	0	@pd< "20040414" and (sigmoid with function) and improvement and mend and overhaul	US-PGPUB; USPAT	OR	ON	2007/04/10 13:43
S33	0	@pd< "20040414" and (sigmoid with function) and improvement and overhaul	US-PGPUB; USPAT	OR	ON	2007/04/10 13:44

S34	492	@pd<"20040414" and (sigmoid with function) and improvement	US-PGPUB; USPAT	OR	ON	2007/04/10 13:44
S35	0	@pd<"20040414" and mend and overhaul and patch and reconstruction	US-PGPUB; USPAT	OR	ON	2007/04/10 13:44
S36	1	@pd<"20040414" and overhaul and patch and reconstruction	US-PGPUB; USPAT	OR	ON	2007/04/10 13:45
S37	32	@pd<"20040414" and reformation and replacement and restoration and substitution	US-PGPUB; USPAT	OR	ON	2007/04/10 13:45
S38	1	@pd<"20040414" and "neural network" and "aeroelastic"	US-PGPUB; USPAT	OR	ON	2007/04/10 13:47
S39	23	706/23.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:48
S40	5	700/104.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:48
S41	4	700/49.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:48
S42	52	416/23.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:48
S43	24	416/231R.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:49
S44	0	224/145.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:49
S45	42	60/795.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2007/04/10 13:49
S46	0	224/145.ccls. and @pd<"20040414" and aeroel\$	US-PGPUB; USPAT	OR	ON	2007/04/10 13:49
S47	148	S45 or S43 or S42 or S41 or S40 or S39	US-PGPUB; USPAT	OR	ON	2007/04/10 13:50
S48	1	"20050234839"	US-PGPUB; USPAT	OR	OFF	2007/08/24 14:48
S49	1178	"20050234839" (repair with acceptable)	US-PGPUB; USPAT	OR	OFF	2007/08/24 14:48
S50	0	"20050234839" and (repair with acceptable)	US-PGPUB; USPAT	OR	OFF	2007/08/24 14:49

S51	1	"20050234839" and (repair with determine)	US-PGPUB; USPAT	OR	OFF	2007/08/24 14:51
S52	1	"20050234839" and (repair with result)	US-PGPUB; USPAT	OR	OFF	2007/08/24 14:52
S53	1	"20050234839" and (aeroelastic)	US-PGPUB; USPAT	OR	OFF	2007/08/24 15:01
S54	1	"20050234839" and (aeroelastic) and repair	US-PGPUB; USPAT	OR	OFF	2007/08/24 15:03
S55	252	@pd< "20040414" and (repair adj5 analysis)	US-PGPUB; USPAT	OR	OFF	2007/08/24 15:04
S56	6	@pd< "20040414" and (repair adj5 analysis) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/08/24 15:05
S57	22	@pd< "20040414" and (analysis adj5 repair) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/08/24 15:06
S59	271	aeroelastic	US-PGPUB; USPAT	OR	OFF	2007/08/29 08:12
S60	180	@pd< "20040414" and aeroelastic	US-PGPUB; USPAT	OR	OFF	2007/08/29 08:13
S61	27	@pd< "20040414" and aeroelastic and (repair or maintenance)	US-PGPUB; USPAT	OR	OFF	2007/08/29 08:15
S62	1	@pd< "20040414" and aeroelastic and (repair or maintenance) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/08/29 08:18
S63	0	@pd< "20040414" and aeroelastic and ((repair or maintenance) adj3 acceptable)	US-PGPUB; USPAT	OR	ON	2007/08/29 08:19
S64	283	@pd< "20040414" and ((repair or maintenance) adj3 acceptable)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:07
S65	2	@pd< "20040414" and ((repair or maintenance) adj3 acceptable) and "neural network"	US-PGPUB; USPAT	OR	ON	2007/08/29 08:19
S66	1034	@pd< "20040414" and aircraft and (wing with load)	US-PGPUB; USPAT	OR	ON	2007/08/29 15:05
S67	451	@pd< "20040414" and aircraft and (wing with load) and weight and location	US-PGPUB; USPAT	OR	ON	2007/08/29 15:14

S68	62	@pd<"20040414" and aircraft and ((wing with load) with stress)	US-PGPUB; USPAT	OR	ON	2007/08/29 15:14
S69	0	"20050234839" and aircraft and "load test"	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:21
S70	127	@pd<"20040414" and aircraft and "load test"	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:22
S71	13	@pd<"20040414" and aircraft and "load test" and ((weight or force) with (location or position))	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:28
S72	127	@pd<"20040414" and "load test" and aircraft	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:28
S73	15	@pd<"20040414" and "load test" and aircraft.ab.	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:29
S74	111	@pd<"20040414" and (wing with failure) and aircraft.ab.	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:30
S75	62	@pd<"20040414" and (wing with failure) and aircraft.ab. and load	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:30
S76	64	@pd<"20040414" and "aircraft repair"	US-PGPUB; USPAT	OR	ON	2007/08/30 08:54
S77	34	@pd<"20040414" and "aircraft repair" and location	US-PGPUB; USPAT	OR	ON	2007/08/30 08:54
S78	13	@pd<"20040414" and "aircraft repair" and location and (mass or weight)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:58
S79	36529	@pd<"20040414" and repair and location and (mass or weight)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:58
S80	1892	@pd<"20040414" and repair and (location with (mass or weight))	US-PGPUB; USPAT	OR	ON	2007/08/30 09:59
S81	46	@pd<"20040414" and repair and ((location with (mass or weight)) with repair)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:59
S82	46	@pd<"20040414" and ((location with (mass or weight)) with repair)	US-PGPUB; USPAT	OR	ON	2007/08/30 11:44
S83	804	@pd<"20040414" and (output same flutter)	US-PGPUB; USPAT	OR	ON	2007/08/30 11:45

S84	0	@pd<"20040414" and (output same flutter) and (analysis with "contour plot" )	US-PGPUB; USPAT	OR	ON	2007/08/30 11:45
S85	0	@pd<"20040414" and (output same flutter) and ("contour plot" )	US-PGPUB; USPAT	OR	ON	2007/08/30 11:45
S86	10	@pd<"20040414" and (output same flutter) and (analysis with graph\$ )	US-PGPUB; USPAT	OR	ON	2007/08/30 12:27
S87	0	@pd<"20040414" and ("contour plot" with "store load")	US-PGPUB; USPAT	OR	ON	2007/08/30 12:28
S88	0	@pd<"20040414" and ("contour plot" same "store load")	US-PGPUB; USPAT	OR	ON	2007/08/30 12:28
S89	0	@pd<"20040414" and ("contour plot" and "store load")	US-PGPUB; USPAT	OR	ON	2007/08/30 12:28
S90	293	@pd<"20040414" and ("contour plot" and "load")	US-PGPUB; USPAT	OR	ON	2007/08/30 12:28
S91	17	@pd<"20040414" and ("contour plot" and "load") and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 12:41
S92	2	@pd<"20040414" and ("contour plot" with "load") and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 12:31
S93	2	@pd<"20040414" and ("contour plot" same "load") and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 12:31
S94	27	@pd<"20040414" and (output with flutter) and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 12:41
S95	0	@pd<"20040414" and ((output with flutter) with (analysis or determin\$)) and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 12:59
S96	27	@pd<"20040414" and (output with flutter) and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 12:59
S97	24	@pd<"20040414" and (determin\$ with flutter) and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/30 13:12
S98	0	"5746391".pn. and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial)	US-PGPUB; USPAT	OR	ON	2007/08/30 13:14

S99	8070	@pd< "20040414" and aircraft and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) and ("electronic port" or "electrical connector" or receiver or "wireless receiver" or "optical reader" or "optical detector" or "magnetic reader")	US-PGPUB; USPAT	OR	ON	2007/08/30 13:16
S100	1090	@pd< "20040414" and aircraft and "data input" and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) and ("electronic port" or "electrical connector" or receiver or "wireless receiver" or "optical reader" or "optical detector" or "magnetic reader")	US-PGPUB; USPAT	OR	ON	2007/08/30 13:17
S101	5	@pd< "20040414" and aircraft and "data input" and flutter and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) and ("electronic port" or "electrical connector" or receiver or "wireless receiver" or "optical reader" or "optical detector" or "magnetic reader")	US-PGPUB; USPAT	OR	ON	2007/08/30 13:17
S102	1	"20050234839" and "hyperbolic"	US-PGPUB; USPAT	OR	OFF	2007/08/30 15:27
S103	293	@pd< "20040414" and ((repair or maintenance) adj3 (certified or acceptable))	US-PGPUB; USPAT	OR	ON	2007/08/31 11:07
S104	0	@pd< "20040414" and ((repair or maintenance) adj3 (certified or acceptable)) and aeroelastic	US-PGPUB; USPAT	OR	ON	2007/08/31 11:08
S105	18	@pd< "20040414" and ((repair or maintenance) adj3 (certified or acceptable)) and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/31 11:12
S106	428	"706".clas. and aircraft	US-PGPUB; USPAT	OR	ON	2007/08/31 11:11
S107	45	"706".clas. and aircraft and repair	US-PGPUB; USPAT	OR	ON	2007/08/31 11:11
S108	171	706/33.ccls. and @pd< "20040414"	US-PGPUB; USPAT	OR	ON	2007/08/31 11:12
S109	8	706/33.ccls. and @pd< "20040414" and (repair or maintenance)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:12



S110	2	706/34.ccls. and @pd< "20040414" and (repair or maintenance)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S111	0	706/35.ccls. and @pd< "20040414" and (repair or maintenance)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S112	17	706/35.ccls. and @pd< "20040414"	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S113	81	706/34.ccls. and @pd< "20040414"	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S114	684	701/35.ccls. and @pd< "20040414"	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S115	330	701/35.ccls. and @pd< "20040414" and (repair or maintenance)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S116	54	701/120.ccls. and @pd< "20040414" and (repair or maintenance)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:13
S117	83	701/114.ccls. and @pd< "20040414" and (repair or maintenance)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:14
S118	234	S117 or S116 or S113 or S112	US-PGPUB; USPAT	OR	ON	2007/08/31 11:14
S119	1	"20050234839" and "aeroelastic analysis"	US-PGPUB; USPAT	OR	OFF	2008/03/04 09:28
S120	1	"20050234839" and "flutter frequency"	US-PGPUB; USPAT	OR	OFF	2008/03/04 09:34
S121	502	@pd< "20040414" and ((input with (weight or mass)) with location)	US-PGPUB; USPAT	OR	ON	2008/03/04 14:22
S122	57	@pd< "20040414" and ((input with (weight or mass)) with location) and "neural network"	US-PGPUB; USPAT	OR	ON	2008/03/04 14:23
S123	1	@pd< "20040414" and ((inspection with aircraft) same "neural network")	US-PGPUB; USPAT	OR	ON	2008/03/04 15:03
S124	1	"20050234839" and ((input with weight ) with location)	US-PGPUB; USPAT	OR	OFF	2008/03/04 15:32
S125	0	@pd< "20040414" and (("neural network" with aircraft) with (repair or maintenance or inspection or inspect))	US-PGPUB; USPAT	OR	ON	2008/03/05 13:56

S126	1	@pd<"20040414" and (("neural network" with aircraft) same (repair or maintenance or inspection or inspect))	US-PGPUB; USPAT	OR	ON	2008/03/05 13:56
S127	6	@pd<"20040414" and (("neural network" same aircraft) same (repair or maintenance or inspection or inspect))	US-PGPUB; USPAT	OR	ON	2008/03/05 13:56
S128	364	@pd<"20040414" and (("neural network" ) same (repair or maintenance or inspection or inspect))	US-PGPUB; USPAT	OR	ON	2008/03/05 13:56
S129	102	S128 and "706".clas.	US-PGPUB; USPAT	OR	ON	2008/03/05 13:56
S130	0	706/20.ccls and @pd<"20040414"	US-PGPUB; USPAT	OR	ON	2008/03/05 13:57
S131	485	706/20.ccls. and @pd<"20040414"	US-PGPUB; USPAT	OR	ON	2008/03/05 13:58
S132	20	706/20.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2008/03/05 13:58
S133	6	706/21.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2008/03/05 13:58
S134	140	706/21.ccls. and @pd<"20040414"	US-PGPUB; USPAT	OR	ON	2008/03/05 13:58
S135	615	706/25.ccls. and @pd<"20040414"	US-PGPUB; USPAT	OR	ON	2008/03/05 13:58
S136	31	706/25.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2008/03/05 13:58
S137	23	706/23.ccls. and @pd<"20040414" and aircraft	US-PGPUB; USPAT	OR	ON	2008/03/05 13:59
S138	210	706/23.ccls. and @pd<"20040414"	US-PGPUB; USPAT	OR	ON	2008/03/05 13:59
S139	192	706/26.ccls. and @pd<"20040414"	US-PGPUB; USPAT	OR	ON	2008/03/05 13:59
S140	387	S132 or S134 or S136 or S137 or S139	US-PGPUB; USPAT	OR	ON	2008/03/05 13:59
S141	1	"20050234839"	US-PGPUB; USPAT	OR	OFF	2008/11/14 08:36

S142	1	"20050234839" and computer	US- PGPUB; USPAT	OR	OFF	2008/11/14 08:36
S143	1	"20050234839"	US- PGPUB; USPAT	OR	ON	2008/11/14 14:10
S144	0	"20050234839" and carrier	US- PGPUB; USPAT	OR	ON	2008/11/14 14:10
S145	0	"20050234839" and wave	US- PGPUB; USPAT	OR	ON	2008/11/14 14:10
S146	1	"20050234839" and signal	US- PGPUB; USPAT	OR	ON	2008/11/14 14:10
S147	1	"20050234839" and media	US- PGPUB; USPAT	OR	ON	2008/11/14 14:10

11/ 17/ 2008 8:48:04 AM

C:\Documents and Settings\pcoughlan\My Documents\EAST\Workspaces\10825032.wsp